A

STATISTICAL REPORT

OF

ADDENBROOKE'S HOSPITAL

FOR THE YEAR 1836.

FROM THE TRANSACTIONS OF THE CAMBRIDGE PHILOSOPHICAL SOCIETY.
VOL. VI. PART II.

BY HENRY JOHN H. BOND, M.D.

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XVI. *A Statistical Report of Addenbrooke's Hospital, for the Year* 1836. *By* Henry J. H. Bond, M.D.

[Read *March* 13, 1837.]

IN-PATIENTS, 1836.

Number of Beds:

66 in the general Wards.
12 in the Fever Wards.

Total.....78

Number of Patients in the Hospital:

Maximum 78
Minimum 49
Mean 67

Length of Time Patients remained in the Hospital:

Mean duration 35½ days.

Admissions from January 1st, 1836, to January 1st, 1837:

Male Patients 337
Female 260

Total ... 597

Previous Residence of the Patients:

226 (38 per cent.) in the Town of Cambridge.
371 (62 per cent.) in the Country, principally in Cambridgeshire and the Isle of Ely.

Description of In-Patients:

Male.

180	(53 per cent.)	Labourers, chiefly agricultural.
20	.....	Boys of ten years of age or under.
8	.....	Grooms.
7	.....	Tailors.
7	.....	Watermen.
6	.....	Carpenters.
6	.....	Servants.
6	.....	Tramps.
97	.....	Of forty-five different occupations, four being the largest number belonging to any one of them.
337		

Female.

100	(38 per cent.)	Servants.
90	.....	Women occupied at home with the care of their families, or children above ten years of age, residing likewise at home.
22	.....	Girls ten years of age or under, living at home.
3	.....	Dressmakers.
3	.....	Laundresses.
42	.....	Occupations of, not registered.
260		

Ages of In-Patients (597).

	Male.	*Female.*	*Total.*	
	6	6	12	5 years or under.
	16	19	35	from 5 to 10 inclusive.
	22	32	54	... 10 ... 15 .....
	44	83*	127*	... 15 ... 20 .....
	39	47	86	... 20 ... 25 .....
	40	22	62	... 25 ... 30 .....
	29	9	38	... 30 ... 35 .....
	34	14	48	... 35 ... 40 .....
	14	2	16	... 40 ... 45 .....
	25	12	37	... 45 ... 50 .....
	14	5	19	... 50 ... 55 .....
	22	2	24	... 55 ... 60 .....
	8	3	11	... 60 ... 65 .....
	11	3	14	... 65 ... 70 .....
	2	0	2	... 70 ... 75 .....
	2	1	3	... 75 ... 80 .....
	328	260	588	
Ages not registered	9		9	
	337		597	

Results of the 597 In-Patient cases:

348	Recovered.
57	Benefitted.
17	Discharged at their own request.
2	..... for irregular conduct.
19	..... as incurable†.
15	Died.
81	Made Out-Patients.
539	Discharged from the Hospital in 1836.
58	Remaining in the house at the end of the year.
597	

* 83 gives 31.9 per cent. on the whole number of female In-Patients (260).
127 ..... 21.5 ..... In-Patients (588).

† Principally Phthisical.

Mean stay in the house of the 539 that were discharged was $35\frac{1}{2}$ days.
..... 348 discharged as recovered $33\frac{1}{2}$ ...

	PER CENT.		PER CENT.		WEEK.
Of the 539 total discharged ..	6.7	Of the 348 discharged as recovered, ...	4.6	were discharged in	1
.....	16.6	.....	19.9	.....	2
.....	15.3	.....	16.4	.....	3
.....	16.2	.....	15.8	.....	4
.....	11.7	.....	11.4	.....	5
.....	6.7	.....	7.9	.....	6
.....	5.7	.....	6.7	.....	7
.....	4.6	.....	4.1	.....	8
.....	4.2	.....	4.1	.....	9
.....	2.8	.....	2.3	.....	10
.....	8.8	.....	6.3	.....	from 10 to 42
	99.3		99.5		

The recoveries (348) were 64.5 per cent. on the whole number of those discharged or made Out-Patients (539).

The deaths (15) ..... 2.7 (or 1 in 36 nearly) ... ...

Diseases, Ages, &c. of the 15 fatal cases.

	Males.	Females.	Total.	From 10 to 20 inclusive.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Fractures	3	...	3	1	...	1	1	...	...	...	...	...	1	1	...	...	...	...	...	1	
Phthisis	1	2	3	2	...	1	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1
Fever.....	2	1	3	2	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	1	
Pneumonia	2	...	2	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	1		
Apoplexy	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Erysipelas	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1				
Disease of Kidneys	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1				
Syphilis.....	1	...	...	1	...	...	...	...	...	...	...	1									
Males.....	...	...	...	3	1	3	1	2	2	...	...	2	1	1	1	...	2		2	2	1
Females.....	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	1	...		1	1	
	12	3	15	6	1	3	1	2	2			2	1	1	1	1	2		3	3	1

Number of Operations:

Lithotomy	6
Amputations	8
Hernia	1
Artificial Pupil	1
Excision of large Tumor in Thigh	1
	17 (besides minor Operations.)

OUT-PATIENTS, 1836.

Admissions from January 1st, 1836, to January 1st, 1837:

Males	341
Females	516
Total	857

Previous Residence of Patients:

486 (57 in 100) in the Town of Cambridge.
365 (43.....) in the Country, principally Cambridgeshire and Isle of Ely.
6 Residence not registered.
857

Ages of the 857 Out-Patients:

23 in 100 of the females were from 15 to 20 years of age: a larger proportion than that of any other quinquennial period.

15 in 100 of the males were from 20 to 25 years of age; a larger proportion than that of any other quinquennial period.

30 in 100 of the total 857 Out-Patients were from 15 to 25 years of age; a larger proportion than that of any other decennial period.

Results of the 857 Out-Patient cases:

374	Recovered.
44	Benefitted.
5	Discharged at their own request.
1	..... for irregular conduct.
8	..... as incurable*.
18	Died.
56	Made In-Patients.
231†	Discharged for having discontinued attendance.
737	Total of Patients discharged from the Out-Patients' Register.
120	Remaining under treatment as Out-Patients at the end of the year.
857	

The recoveries (374) amount to rather more than half the whole number of those discharged or made In-Patients.

The 18 registered deaths amount to 2.4 per cent. on the discharges, or 1 in 41.

Report of the In-Patients and Out-Patients combined.

Of the 597 In-Patients,	52 were previously	Out-Patients,	leaving	545
..... 857 Out-Patients,	81	In-Patients,	.....	777
	Total number of cases treated in 1836			1322

* These cases were chiefly phthisical.

† Of the 231 discharged from the registers for non-attendance, from the nature of the entries respecting them, two thirds, it seems, were at the time of their last attendance, either recovering, or not affected with complaints of a fatal or grave nature; but either neglected to present themselves to be discharged on their recovery, or for various reasons discontinued attendance. The remaining third were patients labouring apparently under disorders of a fatal nature (a large proportion being phthisical); and who, probably from the advanced stage of the disorders, were unable longer to come to the Hospital, or at the time of their discharge from the register had already died, but whose deaths were never reported to the medical officers.

Monthly admissions*—of the 1322 there were admitted:

January.....	127	May.....	130	September.....	79
February....	144	June.....	93	October	98
March	128	July.....	105	November	99
April.....	126	August.....	112	December	81

Of the 1322, { 613 Male Patients
709 Female .....

656 came from the Town of Cambridge.

666 came from the Country, principally Cambridgeshire and the Isle of Ely.

Description of Patients:

Male.

307	(50 per cent.)	Labourers, chiefly agricultural.
78	.....	Boys of ten years of age or under.
15	.....	Shoemakers.
14	.....	Tramps and Hawkers.
11	.....	Servants.
11	.....	Watermen.
9	.....	Tailors.
9	.....	Carpenters.
7	.....	Printers.
6	.....	Brewer's men.
6	.....	Grooms.
5	.....	Bricklayers.
4	.....	Dyers.
4	.....	Butchers.
127	.....	Of fifty-eight different occupations, three being the greatest number belonging to any one of them.
613		

* The number of admissions in any one month is not determined solely by the greater or less prevalence of illness, but by other circumstances also, as the facility in obtaining recommendations for admissions, which is not the same at all seasons of the year, and the state of the weather being favourable or unfavourable for the conveyance of patients to the Hospital. The number of admissions is always lower in September, in consequence of the subscribers having then, for the most part, exhausted their recommendations; an unfortunate circumstance, since at this season so much illness usually prevails. In the present year, the admission of

Female.

245	(above one-third)	Women occupied at home with the care of their families, or children above ten years of age, living at home.
239	(one-third)	Servants.
80	.....	Girls of ten years of age or under.
14	.....	Laundresses.
14	.....	Sempstresses.
7	.....	Of five different occupations.
110*	.....	Occupations not registered.
709		

Ages of the In-Patients and Out-Patients combined (1322):

Male (598).		*Female* (713)†.		*Total.*		
44 or	7.35 per c^t.	38 or	5.32 per c^t.	82 or	6.25 per c^t.	5 years or under.
36 ...	6.02	40 ...	5.61	76 ...	5.79	from 5 to 10 inclusive.
39 ...	6.52	70 ...	9.81	109 ...	7.13	10 ... 15
63 ...	10.53	186 ...	25.96	249 ...	18.99	15 ... 20
64 ...	10.60	116 ...	16.26	180 ...	13.72	20 ... 25
67 ...	11.20	59 ...	8.27	126 ...	9.61	25 ... 30
54 ...	9.03	42 ...	5.89	96 ...	7.32	30 ... 35
62 ...	10.68	46 ...	6.45	108 ...	8.23	35 ... 40
35 ...	5.85	25 ...	3.50	60 ...	4.57	40 ... 45
37 ...	6.18	45 ...	6.31	82 ...	6.25	45 ... 50
25 ...	4.18	17 ...	2.38	42 ...	3.20	50 ... 55
30 ...	5.01	8 ...	1.12	38 ...	2.89	55 ... 60
22 ...	3.67	9 ...	1.26	31 ...	2.36	60 ... 65
13 ...	2.17	7 ...	0.98	20 ...	1.52	65 ... 70
3 ...	0.50	2 ...	0.28	5 ...	0.38	70 ... 75
4 ...	0.66	3 ...	0.42	7 ...	0.53	75 ... 80 and upwards.
				1311		
				11	Ages not registered.	
				1322		

of so small a number in December was caused by the state of the weather at the end of the year, being such as to prevent the conveyance of patients from the country.

* Most of these probably should be added to those at the head of the list.

† The ages of four females are here accidentally included which are not included in the previous statements.

Results of the total 1322 cases admitted in 1836:

722	Recovered.
101	Benefitted.
22	Discharged at their own request.
3	..... for irregular conduct.
27	..... as incurable.
33	Died.
231	Discharged for non-attendance.
1139	Total number of Patients discharged.
183*	Remaining under treatment as In or Out-Patients at the end of the year.
1322	

The (722) recoveries were 63.38 per cent. on the total number discharged.
The (33) deaths ..... 2.89 (or 1 in 34)†.....

Diseases, Ages, &c. of the 33 Fatal Cases.

	Males.	Females.	Total.	10 or under.	From 10 to 20 inclusive.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Phthisis	3	8	11	...	3	3	2	3	...	...	...	...	...	...	3	...	2	...	2	2	1	1
Continued Fever..	2	3	5	...	2	2	...	...	1	...	...	...	...	...	1	1	...	...	...	1	2	
Fractures.....	3	...	3	...	1	...	1	1	...	...	...	...	...	1	1	...	...	...	...	...	1	
Bronchitis	2	...	2	1	...	...	...	...	1	...	...	...	...	...	1	1						
Pneumonia.....	2	...	2	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	1		
Pertussis.....	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	1						
Puerperal Fever..	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1					
Disease of Heart..	1	...	1	...	...	...	...	1	...	...	...	...	...	1								
Diarrhœa.....	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1		
Apoplexy	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Cerebral Disease..	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1		
Erysipelas	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1				
Rachitis	...	1	1	1	...	...	...	...	...	...	...	...	...	1								
Disease of Kidneys	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1				
Syphilis.....	1	...	1	...	1	...	...	...	...	...	...	...	1									
Males.....	...	...	...	1	3	2	3	4	3	3	...	...	2	2	3	2	...	2	...	5	2	1
Females.....	...	...	...	2	5	4	1	2	...	...	...	...	...	1	3	1	3	...	2	1	3	
	19	14	33	3	8	6	4	6	3	3	...	...	2	3	6	3	3	2	2	6	5	1

* There is an error of 5 patients; 178 only appearing on the registers as remaining under treatment.

† Among those discharged for non-attendance or at their own request, it seemed, from the nature of the entries respecting them in the registers, that 107 were at the time of their discharge

The annexed table contains a list of the diseases or accidents of Out and In-Patients combined, and represents the frequency with which each of them occurred.

An attempt has been made to arrange them in a somewhat physiological order, for convenience of reference; and also that, with some approximation to truth, the comparative frequency of certain *classes* of diseases or accidents, or the relative frequency with which individual *systems* or *organs* were the seat of disorder, might appear.

It was conceived that it would render the table more serviceable, if the *proportion* to the annual total of cases were given, as well as the precise number of the cases of each class of disease, and of the most prevailing of the individual diseases.

The table likewise represents the *monthly* distribution of the cases of each disease. It was here still more necessary, when the cases of any disease or class of disease were sufficiently numerous to make them an object of analysis, to give their proportion to the amount of cases of *all kinds* admitted in each month respectively, as well as their absolute number; since, as has already been stated, the *number* of admissions in each month is not an accurate criterion of the prevalence of disease.

It is not, however, pretended that any general conclusions respecting the prevalence of diseases according to seasons can be drawn from the present table, which is constructed with a view chiefly to its connection with reports of ensuing years, by which some useful inferences may eventually, it is thought, be derived. At least, the remarks that are made upon it at present are intended only as provisional: indeed, had the numbers been much higher, the report of a single year, from January to January, would still have been insufficient for the purpose; since the year should be otherwise divided with the view of

discharge labouring under disorders of a fatal description (a large proportion being phthisical); these 107, added to 33 registered deaths and the 27 grave cases discharged as incurable, give an amount of 167 cases out of the 1139 patients discharged, which appeared likely to terminate fatally, i. e. 14.66 per cent., or 1 in 6.82.

Dr BOND'S STATISTICAL ACCOUNT OF ADDENBROOKE'S HOSPITAL FOR 1836.

		Diseases.	In-Patients.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	(per cent.)		(per cent.)	(per cent.)	(per cent.)	(per cent.)	(per cent.)	(per cent.)	(per cent.)	(per cent.)	(per cent.)	(per cent.)	(per cent.)	(per cent.)	(per cent.)	(per cent.)
Diseases of	Mouth and Fauces ... 13...(0,99)	Ranula	...	2 ...	...	...	...	...	1 ...	1						
		Inflammation of Fauces, &c.	3 ...	9...(0,69)	3 ...	...	2 ...	1 ...	1 ...	...	...	...	...	1 ...	1	
		Ptyalism	2 ...	2 ...	...	...	...	1 ...	...	1						
	Stomach ... 86...(6,60)	Dyspepsia	20 ...	68...(5,21)	3 (2,40)	11 (7,69)	9 (6,87)	5 (4,00)	7 (5,51)	2 (2,17)	4 (3,96)	7 (6,36)	7 (8,64)	5 (5,10)	4 (4,08)	4 (5,55)
		Pyrosis	...	1 ...	...	1										
		Gastritis	4 ...	9...(0,69)	1 ...	2 ...	...	...	1 ...	...	...	3 ...	1 ...	1		
		Disease of Pylorus	3 ...	3...(0,23)	...	1 ...	...	1 ...	...	...	1					
		Hæmatemesis	2 ...	5...(0,38)	...	...	1 ...	1 ...	...	...	...	...	3			
					4...(3,20)	15...(10,40)	10...(7,63)	7...(5,60)	8...(6,29)	2...(2,17)	5...(4,95)	10...(9,09)	11...(13,58)	6...(6,12)	4...(4,08)	4...(5,55)
	Intestines ... 97...(7,44)	Diarrhœa	2 ...	14...(1,07)	3 ...	2 ...	...	2 ...	1 ...	...	1 ...	1 ...	3 ...	...	1	
		Dysentery	...	1 ...	...	...	...	...	...	...	...	...	...	1		
		Constipation	7 ...	30...(2,30)	1 ...	2 ...	4 ...	3 ...	1 ...	1 ...	2 ...	6 ...	3 ...	4 ...	3	
		Hæmorrhoids	2 ...	7...(0,53)	1 ...	1 ...	...	3 ...	1 ...	1						
		Vermes	...	11...(0,84)	...	1 ...	3 ...	1 ...	1 ...	...	...	...	...	...	1 ...	4
		Fistula in Ano	6 ...	6...(0,46)	...	...	2 ...	1 ...	...	...	1 ...	1 ...	1			
		Colic	2 ...	8...(0,61)	2 ...	...	...	2 ...	...	...	...	2 ...	2			
		Enteritis	2 ...	3...(0,23)	...	...	...	...	1 ...	...	2					
		Peritonitis	1 ...	6...(0,46)	...	...	...	1 ...	...	1 ...	2 ...	1 ...	1			
		Tabes mesenterica	...	5...(0,38)	...	2 ...	...	1 ...	1 ...	...	...	...	...	...	...	1
		Abdominal Tumor	1 ...	1 ...	...	1										
		Hernia (1 strangulated)	3 ...	5...(0,38)	...	...	...	1 ...	...	1 ...	...	...	...	...	3	
					7...(5,60)	9...(6,29)	9...(6,87)	15...(12,00)	6...(4,72)	4...(4,34)	8...(7,92)	11...(10,00)	10...(12,34)	5...(5,10)	8...(8,16)	5...(6,94)
	Liver ... 13...(0,99)	Icterus	2 ...	3...(0,23)	1 ...	...	...	...	...	...	1 ...	...	...	...	1	
		Disease of Liver	2 ...	10...(0,76)	4 ...	1 ...	...	...	3 ...	1 ...	...	1				
	Spleen ... 1 ...	Enlargement of Spleen	1 ...	1 ...	...	...	...	...	...	...	...	...	...	1		
	Pulmonary Organs ... 140...(10,74)	Catarrh	...	2 ...	...	...	...	1 ...	...	...	...	...	1			
		Croup	1 ...	1 ...	1											
		Chronic Laryngitis	1 ...	1 ...	...	...	...	...	...	...	...	...	...	...	...	1
		Hooping Cough	...	3...(0,23)	...	...	...	1 ...	1 ...	1 ...						
		Bronchitis	10 ...	31...(2,37)	3 ...	5 ...	5 ...	5 ...	1 ...	1 ...	2 ...	...	1 ...	4 ...	4	
		Chronic Cough	9 ...	34...(2,60)	9 ...	4 ...	2 ...	3 ...	5 ...	2 ...	4 ...	...	2 ...	...	...	3
		Hæmoptysis	6 ...	17...(1,30)	...	5 ...	1 ...	1 ...	...	3 ...	...	2 ...	1 ...	2 ...	1 ...	1
		Phthisis	16 ...	39...(2,99)	2 ...	2 ...	4 ...	5 ...	2 ...	3 ...	5 ...	4 ...	3 ...	3 ...	4 ...	2
		Pneumonia	6 ...	7...(0,53)	1 ...	2 ...	...	...	1 ...	...	...	...	1 ...	1 ...	...	1
		Pleurisy	3 ...	5...(0,38)	1 ...	...	2 ...	1 ...	1							
					17...(13,60)	18...(12,58)	14...(10,68)	17...(13,60)	11...(8,66)	10...(10,86)	11...(10,89)	6...(5,45)	9...(11,11)	10...(10,20)	9...(9,18)	8...(11,11)
	Thyroid Gland ... 3...(0,23)	Bronchocele	1 ...	3...(0,23)	1 ...	...	1 ...	...	...	...	...	...	...	...	1	
	Circulating System ... 36...(2,76)	Pericarditis	2 ...	3...(0,23)	...	...	1 ...	1 ...	...	...	...	...	1			
		Disease of Heart (organic)	3 ...	4...(0,30)	...	...	1 ...	...	...	2 ...	...	...	...	...	1	
		Palpitation	...	2 ...	...	...	...	...	...	1 ...	1					
		Epistaxis	...	1 ...	...	...	...	...	...	...	1					
		Phlebitis	2 ...	2 ...	...	...	2									
		Varicose Veins	5 ...	9...(0,69)	...	...	...	1 ...	...	1 ...	2 ...	1 ...	...	3 ...	1	
		Anæmia and Chlorosis	6 ...	15...(1,15)	...	1 ...	1 ...	2 ...	1 ...	1 ...	1 ...	2 ...	1 ...	1 ...	2 ...	2
	Fevers ... 92...(7,06)	Intermittent Fever	14...(2,37)	53...(4,06)	9...(7,20)	8...(5,59)	5...(3,81)	14...(11,20)	6...(4,72)	3...(3,26)	2...(1,98)	... (0,00)	2...(2,46)	2...(2,04)	1...(1,02)	1...(1,38)
		Continued Fever	24...(4,06)	39...(2,99)	3...(2,40)	2...(1,39)	6...(4,58)	4 ... (3,20)	2...(1,57)	2...(2,17)	2...(1,98)	5...(4,54)	2...(2,46)	3...(3,06)	5...(5,10)	3...(4,16)
	Dropsies ... 26...(1,99)	Dropsy (ascites 12)	14 ...	26...(1,99)	2 ...	3 ...	2 ...	1 ...	1 ...	3 ...	2 ...	5 ...	2 ...	1 ...	2 ...	2
	Scrofula ... 25...(1,91)	Scrofulous Glands	13 ...	25...(1,91)	...	5 ...	4 ...	2 ...	4 ...	4 ...	1 ...	1 ...	1 ...	...	2 ...	1
	Kidneys ... 6...(0,46)	Diabetes	1 ...	2 ...	1 ...	...	...	...	...	1 ...						
		Renal Disease	1 ...	2 ...	...	1 ...	...	...	...	...	...	...	1			
		Gravel	1 ...	2 ...	...	...	...	...	...	1 ...	...	1				
	Bladder ... 23...(1,76)	Enuresis	1 ...	3...(0,23)	2 ...	...	...	...	...	...	...	...	1			
		Disease of Bladder	7 ...	12...(0,92)	...	3 ...	2 ...	...	2 ...	2 ...	...	2 ...	1			
		Calculus	8...(1,35)	8...(6,61)	...	2 ...	1 ...	...	1 ...	1 ...	...	1 ...	...	...	2	
	External Genital Organs ... 41 ... 2 ... 1 ... 1 ...	Gonorrhæa and Syphilis	31...(5,25)	41...(3,71)	7 ...	3 ...	3 ...	...	6 ...	4 ...	6 ...	4 ...	1 ...	3 ...	1 ...	3
		Hydrocele	1 ...	2 ...	...	...	...	...	...	...	...	2				
		Disease of Testis	1 ...	1 ...	...	...	...	...	...	1						
		Recto-vaginal Fistula	...	1 ...	...	...	...	...	...	...	...	1				
	Uterus ... Deranged Menstruation ... 61...(4,68)	Amenorrhæa	12...(2,03)	46...(3,53)	2 (1,60)	9 (6,29)	5 (3,81)	3 (2,40)	7 (5,51)	3 (3,26)	1 (0,99)	3 (2,72)	1 (1,23)	5 (5,10)	4 (4,08)	3 (4,16)
		Menorrhagia	2 ...	8...(0,61)	2 ...	...	2 ...	1 ...	...	1 ...	...	...	1 ...	...	1	
		Dysmenorrhæa	3 ...	7...(0,53)	2 ...	2 ...	...	...	...	...	1 ...	...	...	2		
					6...(4,80)	11...(7,69)	7...(5,34)	4...(3,20)	7...(5,51)	4...(4,34)	2...(1,98)	3...(2,72)	2...(2,46)	7...(7,14)	5...(5,10)	3...(4,16)
	Uterine Disease ... 11...(0,84)	Leucorrhæa	1 ...	4...(0,30)	...	...	...	...	...	...	1 ...	...	2 ...	...	...	1
		Uterine Hæmorrhage	...	1 ...	...	...	...	...	...	...	1					
		Prolapsus Uteri	...	2 ...	...	1 ...	...	...	1							
		Polypus Uteri	...	1 ...	...	...	...	...	...	...	...	1				
		Carcinoma Uteri	1 ...	1 ...	...	...	...	...	...	...	...	...	1			
		Disease of Uterus (?)	1 ...	2 ...	...	1 ...	...	...	...	...	1					
	Mamma ... 5...(0,38)	Abscess of Mamma	1 ...	1 ...	...	...	...	...	...	...	...	...	...	...	...	1
		Carcinoma of Mamma	2 ...	4...(0,30)	1 ...	...	...	...	...	...	...	1 ...	...	1 ...	1	
	... 1 ...	Pregnancy (simulated amenor.)	...	1 ...	...	...	...	...	...	...	...	1				
	Muscular System, &c. ... 70...(5,37)	Rheumatism	37 ...	69...(5,29)	10...(8,00)	6...(4,19)	7...(5,34)	7...(5,60)	10...(7,87)	5...(5,43)	3...(2,97)	5...(4,54)	4...(4,93)	8...(8,16)	2...(2,04)	2...(2,77)
		Wry-neck	1 ...	1 ...	...	1										
	... 6 ...	Debility	1 ...	6...(0,46)	...	...	...	1 ...	1 ...	1 ...	...	...	...	2 ...	1	
	Nervous System ... 106...(8,13) — Paralytic Affections ... 21...(1,61) ... 2 ... 1 ...	Irritation of Spinal Chord	1 ...	2 ...	...	...	...	1 ...	...	...	...	...	...	...	...	1
		Neuralgia	...	1 ...	...	...	...	...	...	...	...	...	...	...	1	
	Convulsive Affections ... 30...(2,30)	Convulsions (in children)	...	1 ...	...	...	...	...	...	...	...	...	...	...	...	1
		Chorea	4 ...	7...(0,53)	...	1 ...	2 ...	...	1 ...	...	2 ...	...	...	...	...	1
		Epilepsy	3 ...	8...(0,61)	1 ...	2 ...	1 ...	1 ...	2 ...	...	...	...	...	1		
		Hysteria	6 ...	13...(0,99)	...	4 ...	2 ...	...	...	...	1 ...	...	1 ...	2 ...	3	
		Tremors	1 ...	1 ...	...	...	...	...	...	...	...	1				
	Paralytic Affections ... 21...(1,61)	Hemiplegia	9 ...	16...(1,22)	...	1 ...	5 ...	1 ...	...	1 ...	1 ...	3 ...	1 ...	1 ...	1 ...	1
		Paraplegia	1 ...	3 ...	...	...	...	...	1 ...	...	1 ...	...	...	...	1	
		Apoplexy	2 ...	2 ...	...	...	1 ...	...	...	...	...	...	...	1		
	Mental Disorders ... 16...(1,22)	Delirium tremens	2 ...	2 ...	...	...	...	...	...	...	...	1 ...	...	...	...	1
		Mania	...	1 ...	...	...	...	...	...	1 ...						
		Hypochondriasis	3 ...	13...(0,99)	1 ...	2 ...	1 ...	2 ...	3 ...	1 ...	1 ...	1 ...	...	...	...	1
	... 36...(2,76)	Vertigo	2 ...	14...(1,07)	1 ...	...	2 ...	1 ...	4 ...	...	...	1 ...	...	2 ...	1 ...	2
		Cephalalgia and Hemicrania	2 ...	15...(1,15)	...	1 ...	2 ...	4 ...	1 ...	...	3 ...	1 ...	...	1 ...	1 ...	1
		Cerebral Congestion	4 ...	7...(0,53)	...	1 ...	...	1 ...	...	...	2 ...	2 ...	...	...	1	
	Skin 57...(4,37)	Variola	3 ...	5...(0,38)	...	...	1 ...	...	...	1 ...	1 ...	...	1 ...	1		
		Erysipelas	7 ...	9...(0,69)	1 ...	...	...	1 ...	1 ...	1 ...	4 ...	1				
		Purpura	...	1 ...	1											
		Eczema	1 ...	1 ...	...	...	...	...	...	...	...	...	1			
		Herpes	...	6...(0,46)	3 ...	1 ...	...	...	...	1 ...	1					
		Scabies	1 ...	5...(0,38)	...	1 ...	...	...	1 ...	1 ...	...	...	...	1 ...	...	1
		Porrigo	1 ...	6...(0,46)	...	...	2 ...	1 ...	...	...	...	2 ...	1			
		Rupia	...	1 ...	...	1										
		Impetigo	2 ...	2 ...	...	...	...	...	1 ...	...	1					
		Lepra and Psoriasis	2 ...	6...(0,46)	1 ...	...	2 ...	...	1 ...	...	...	...	...	...	1 ...	1
		Erythema Nodosum	1 ...	3...(0,23)	...	...	...	...	1 ...	...	...	...	...	...	1 ...	1
		Chimney-sweeper's cancer	1 ...	1 ...	1											
		Syphilitic and other cutaneous diseases	2 ...	10...(0,76)	...	2 ...	...	...	1 ...	...	...	1 ...	...	...	4 ...	2
		Calvities*	...	1 ...	...	...	...	...	1							
					7...(5,60)	5...(3,49)	5...(3,84)	2...(1,60)	7...(5,51)	4...(4,34)	7...(6,93)	4...(3,63)	3...(3,70)	2...(2,04)	6...(6,12)	5...(6,94)
	Eye 99...(7,59)	Ophthalmia (conjunctival)	19 ...	60...(4,60)	1 ...	6 ...	7 ...	4 ...	5 ...	7 ...	5 ...	5 ...	7 ...	5 ...	4 ...	4
		Inflammation of Tarsi	1 ...	5...(0,38)	1 ...	...	1 ...	...	1 ...	...	...	...	...	...	2	
		Opacities and ulcers of Cornea	7 ...	17...(1,30)	5 ...	2 ...	...	1 ...	2 ...	1 ...	2 ...	...	...	...	1 ...	3
		Staphyloma	...	1 ...	...	...	...	...	...	...	...	...	1			
		Adhesions of Iris	2 ...	2 ...	...	...	...	...	...	...	1 ...	...	...	...	1	
		Cataract	2 ...	4...(0,30)	...	...	...	...	1 ...	...	...	1 ...	...	2		
		Amaurosis	1 ...	4...(0,30)	1 ...	...	1 ...	...	...	...	1 ...	...	1			
		Fistula lacrymalis	2 ...	3...(0,23)	...	...	1 ...	1 ...	...	...	...	...	...	...	1	
		Injuries to Eye	...	3...(0,23)	...	...	...	...	...	1 ...	...	2				
					8...(6,40)	8...(5,59)	10...(7,63)	6...(5,20)	9...(7,08)	9...(7,78)	9...(8,91)	8...(7,27)	9...(11,11)	7...(7,16)	9...(9,18)	7...(9,72)
	Ear 4	Deafness	...	4...(0,30)	...	...	...	...	...	...	1 ...	...	1 ...	1 ...	...	1
	Nose 1	Polypus nasi	1 ...	1 ...	...	...	...	...	...	...	1					
	External Local Diseases ... 98...(7,52) — Ulcers ... 41	Ulcers of Leg	22 ...	28 ...	5...(4,00)	3...(2,97)	... (0,00)	1...(0,80)	2...(1,57)	3...(3,26)	2...(1,98)	2...(1,81)	2...(2,46)	2...(2,04)	3...(3,06)	3...(4,16)
		Syphilitic ulcer	1 ...	1 ...	...	...	...	...	...	...	...	...	...	1		
		Ulcers	5 ...	12 ...	...	4 ...	2 ...	1 ...	1 ...	1 ...	2 ...	...	...	1		
	.....	Abscesses	13 ...	20 ...	2 ...	2 ...	2 ...	3 ...	1 ...	3 ...	1 ...	3 ...	...	1 ...	1 ...	1
	.....	Tumors (external)	4 ...	6 ...	1 ...	...	1 ...	1 ...	...	...	...	2 ...	...	1		
	.....	External Inflammations	18 ...	30 ...	4 ...	3 ...	...	8 ...	6 ...	1 ...	...	...	1 ...	2 ...	3 ...	2
	.....	Sphacelus of Foot	1 ...	1 ...	...	...	...	...	...	...	...	...	...	...	1	
	Bursæ ... 7	Inflammation of Bursæ	1 ...	3 ...	2 ...	...	...	...	...	...	...	1				
		Ganglion	...	4 ...	1 ...	1 ...	...	...	...	...	1 ...	...	...	1		
	Joints ... 45...(3,45)	Inflammation of Knee Joint	18 ...	26 ...	2 ...	2 ...	5 ...	6 ...	5 ...	1 ...	1 ...	1 ...	...	...	2 ...	1
		—— Hip	14 ...	15 ...	2 ...	1 ...	2 ...	2 ...	1 ...	...	...	2 ...	1 ...	1 ...	2 ...	1
		—— Ankle	3 ...	3 ...	1 ...	...	...	...	...	...	1 ...	...	...	...	1	
		Floating Cartilage in Knee Joint	...	1 ...	...	...	...	...	...	...	1					
	Bones ... 16...(1,22)	Disease of Vertebræ	5 ...	5 ...	...	1 ...	...	...	1 ...	...	1 ...	1 ...	...	1		
		—— other Bones	8 ...	9 ...	2 ...	3 ...	...	...	...	...	2 ...	1 ...	...	...	1	
		Rachitis	...	1 ...	...	...	1									
		Congenital Deformity of Foot	...	1 ...	1											
	Accidents ... 110...(8,44) — 8	Burns and Scalds	7 ...	8 ...	...	1 ...	1 ...	1 ...	1 ...	...	1 ...	...	...	1 ...	2	
	 62	Lacerations and Bruises	37 ...	62 ...	4 ...	5 ...	3 ...	1 ...	6 ...	7 ...	6 ...	8 ...	7 ...	8 ...	5 ...	2
	Fractures ... 30	Fractures of Femur	4 ...	4 ...	...	...	...	...	...	1 ...	...	1 ...	...	1 ...	1	
		—— Tibula and Fibula	6 ...	7 ...	...	1 ...	...	1 ...	2 ...	1 ...	1 ...	...	...	...	...	1
		—— Humerus	3 ...	4 ...	...	...	...	1 ...	...	...	1 ...	1 ...	...	1		
		—— Radius	...	2 ...	...	...	...	...	...	1 ...	...	...	...	1		
		—— Clavicle	2 ...	5 ...	...	...	...	1 ...	...	1 ...	...	1 ...	1 ...	...	...	1
		—— Scapula	1 ...	1 ...	...	...	...	...	1							
		—— Phalanges	...	1 ...	...	...	...	...	...	...	...	...	...	1		
		—— Metatarsus	...	1 ...	...	...	1 ...									
		—— Ilium	1 ...	1 ...	...	...	...	1								
		—— Cranium	2 ...	2 ...	...	...	...	...	...	...	...	...	...	...	2	
		—— Ribs	1 ...	2 ...	...	...	...	...	...	...	...	...	...	1 ...	...	1
	Dislocations 10	Dislocations of Humerus	1 ...	4 ...	...	...	2 ...	...	...	...	...	...	1 ...	1		
		—— Elbow	1 ...	2 ...	1 ...	...	...	...	...	...	...	...	...	...	...	1
		—— Carpus	...	3 ...	1 ...	...	1 ...	...	...	...	...	...	1			
		—— Semilunar Cartilage of Knee	...	1 ...	...	...	1									
	Total ... 1303				6	7	9	6	10	11	9	11	10	15	10	6
			590	1303	125	143	131	125	127	92	101	110	81	98	98	72
		Cases not recorded in the Table	7 ...	19												
			597	1322												

* Complete Baldness occurring twice after Ague.

determining the prevalence of diseases according to *seasons;* the December of one year should be associated with the January and February of the ensuing year, to constitute the winter season.

The following results, extracted from the table, have been selected, as deserving some notice.

Arrangement of the different Classes *of Cases, or of the Affections (of whatever kind) of individual* Systems *or* Organs, *according to the respective frequency of their occurrence.*

	Proportion to Total of Cases.
Diseases of the Pulmonary Organs	10.74
Accidents	8.44
Diseases of Nervous System	8.13
..... Intestines	7.74
..... Eye	7.59
External local diseases	7.52
Fevers	7.06
Diseases of Stomach	6.60
Rheumatic complaints	5.27
Diseases of Menstruation	4.68
..... the Skin	4.37
..... Joints	3.45
..... Bones	1.22
	82.81
Diseases of other organs, &c. constituting 16 other classes	17.19
	100.00

Sixteen diseases out of 143 diseases or accidents enumerated in the table, furnished, it is seen by the subjoined list, nearly the moiety of the cases.

Phthisis*	6.89
Rheumatism	5.29
Dyspepsia	5.21
Ophthalmia	4.60
Ague	4.06
Amenorrhæa	3.53
Syphilis and Gonorrhœa	3.14
Continued Fever	2.99
Bronchitis	2.37
Constipation	2.30
Dropsy	1.99
Scrofulous Glands	1.91
Opacities or Ulcers of Cornea	1.30
Paralysis	1.22
Chlorosis	1.15
Diarrhœa	1.07
	49.02

The following seem to be the results most worthy of notice (as far as a single year can funish data) in relation to the *monthly* distribution of the cases. The numbers represent the proportion per cent. on the admissions of each month.

Diseases of the Stomach	Maximum	13.58	in September.
	Minimum	2.17	.. June.
Intestines	Maximum	12.34	.. September.
	Minimum	4.34	.. June.
Pulmonary Diseases	Maximum	13.60	.. January and April equal.
	Minimum	5.45	.. August.
Intermittent Fever	Maximum	7.20	.. January.
	Minimum	0.00	.. August.

* The numbers annexed to Phthisis, Hæmoptysis, and Tussis, are here all included under Phthisis, as it was nearly certain that they were all phthisical cases.

Continued Fever	Maximum	5.10 ..	November.
	Minimum	1.57 ..	May.
Diseases of Menstruation	Maximum	7.69 ..	February.
	Minimum	1.23 ..	September.
Rheumatism	Maximum	8.00 ..	January.
	Minimum	2.04 ..	November.
Cutaneous Diseases	Maximum	6.93 ..	July and December equal.
	Minimum	1.60 ..	April.
Diseases of the Eye	Maximum	11.11 ..	September.
	Minimum	5.20 ..	April.

The following results (not derived from the table) are added from an analysis of the cases of a few of the most prevailing diseases.

Of 57 cases, entered in registers as Phthisis or Hæmoptysis;—

28 were males, i. e. 4.56 in 100 of the male patients (613) were phthisical.
29 were females, i. e. 4.09 ..... female .... (709) .....

Residing previously in the Town 33, i. e. 5.04 in 100 of Town Patients (654) were phthisical.
..... Country 24, i. e. 3.60 ..... Country ... (666) .....

Ages of the 57 cases.

	From 10 to 15 inclusive.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.
Males	1	4	7	10	2	2	0	2
Females	0	5	1	8	7	3	3	2
TOTAL	1	9	8	18	9	5	3	4

Hence, nearly a third of the consumptive patients were between 25 and 30 years of age, and of all the patients admitted between these limits of age, one in eight was consumptive.

One half of the female consumptive patients were between 25 and 35 years of age, and one in six of all the female patients admitted between these limits of age was consumptive.

One third of the male consumptive patients were aged between 20 and 30, and of all the male patients admitted between these limits of age one in 7.69 was consumptive.

Of the 29 female consumptive patients 20 were following domestic occupations, and 7 were in service.

Of the 28 male consumptive patients 13 were Labourers, 2 Watermen (number of Watermen admitted being 11), and the remaining 13 were distributed among nearly as many different occupations.

Results of the 24 In-Patient cases of Fever;—13 males, 11 females.

16 Recoveries.
2 Convalescent from fever, but continued under treatment for chronic disorders.
1 Left the house during a relapse.
3 Died, (one during a relapse), two males and one female.
2 Remaining under treatment at close of year.

24

Ages.

	From 10 to 15 inclusive.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	55 to 60.
Males 13	2	6	2	2		1
Females..... 11	4	2	4		1	
TOTAL ... 24	6	8	6	2	1	1

Ages of the three fatal cases respectively, 58, 18, and 14.

Of 78 cases of Ophthalmia or Ulceration and opacity of Cornea (the greater proportion being of a scrofulous nature),

30 were males, i. e. 4.89 in 100 of the male patients.
48 ... females, i. e. 6.77 ..... female .....

Ages of the 78 *cases.*

	5 years or under.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	75 to 80.
Male 30	7	6	5	3	...	2	1	2	2	1	1		
Female..... 48	10	8	14	7	2	1	2	2	...	...	...	1	1
TOTAL ... 78	17	14	19	10	2	3	3	4	2	1	1	1	1

Residing previously in the Town... 42, i. e. 6.57 in 100 of the Town Patients.
..... Country 36, i. e. 5.40 ..... Country .....

Of 47 cases of Amenorrhæa,

25 resided previously in the Town, i. e. 3.82 in 100 of Town Patients.
22 ..... Country, i. e. 3.30 ..... Country .....

Ages of the 47 cases,

7 were 15 years or under.
29 from 15 to 20, or 15.58 in 100 of the female patients admitted between these limits of age.
9 ..... 20 .. 25
1 ..... 25 .. 30
1 ..... 40 .. 45

Of 59 cases of Rheumatism,

34 were males, i. e. 5.54 in 100 of male Patients were rheumatic.
25 ... females, i. e. 3.52 ..... female .....

These cases were distributed equally between the Town and Country Patients The range of ages extended from 10 to 75 years.

Of 75 cases of Dyspepsia,

17 were males, i. e. 2.77 in 100 of male Patients.
58 ..... females, i. e. 8.18 ..... female .....
35 Resided previously in the Town, i. e. 5.35 in 100 of Town Patients.
40 ..... Country, i. e. 6.00 ..... Country .....

Ages of the 8 cases of Calculus (6 of which had been operated on and had recovered) were respectively 4, 5, 6*, 7*, 10, 49, 55, 58.

VACCINATION.

333 individuals were vaccinated in the course of the year 1836 at the Hospital: of these,

Cases in which the vaccination succeeded	298
Cases in which the vaccination did not succeed †	9
Cases in which small-pox supervened during the progress of the vaccination	2
Cases which were not presented after vaccination	24
	333

* Remaining for operation.

† Seven of these had previously been vaccinated.

REGISTER OF BAROMETER AND THERMOMETER, 1836.

(*Computed from the* Register *at the* Philosophical Society.)

	BAROMETER AT 8 A.M.							THERMOMETER.							
1836.	Mean.	Maximum.	Minimum.	Range.	Greatest Diurnal Range.	Least Diurnal Range.	Mean Diurnal Range.	Mean.	Maximum.	Minimum.	Range.	Greatest Diurnal Range.	Least Diurnal Range.	Mean Diurnal Range.	Number of Days Minimum at 32° or under.
January.....	29.60	30.65	28.98	1.67	.67	.00	.24	37.90°	52°	19°	33°	22°	3°	9.75°	14
February...	29.80	30.42	28.94	1.48	.85	.00	.22	37.89°	52°	25°	27°	19°	3°	10.79°	15
March.....	29.52	30.29	28.85	1.44	.66	.02	.22	44.29°	68°	30°	38°	23°	6°	12.22°	2
April	29.85	30.34	29.05	1.29	.49	.00	.18	44.95°	61°	32°	29°	23°	5°	13.98°	4
May.....	30.21	30.61	29.75	.86	.36	.00	.11	54.29°	79°	36°	43°	34°	12°	19.30°	0
June	29.92	30.31	29.56	.75	.34	.00	.14	62.43°	86°	46°	40°	34°	5°	18.38°	0
July.....	29.98	30.35	29.59	.76	.49	.01	.15	63.77°	93°	43°	50°	36°	5°	19.00°	0
August.....	30.03	30.35	29.58	.77	.36	.00	.11	60.95°	80°	45°	40°	31°	10°	18.74°	0
September...	29.88	30.35	29.35	1.00	.52	.00	.14	53.90°	71°	36°	35°	26°	7°	13.80°	0
October.....	29.79	30.44	28.88	1.56	.92	.00	.25	48.19°	65°	28°	37°	22°	5°	13.16°	3
November...	29.60	30.12	29.05	1.07	.79	.01	.26	42.00°	56°	29°	27°	23°	4°	12.25°	8
December...	29.78	30.35	29.09	1.26	.67	.01	.21	39.38°	55°	24°	31°	20°	2°	8.12°	12
For the year	29.83	30.65	28.85	1.80	.92	.00	.18	49.16°	93°	19°	74°	36°	2°	14.12°	58

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